

**Campaign code:**

L62X-A.04.19

Campaign Name:

Infotainment software update

Model:

Huracán EVO

Model year:

2020

Special or limited editions:

All versions

Markets:

Europe, Japan, North America, Rest of the World

VIN identification:

From KLA09148 to LLA14037

Important: before proceeding with the repair, connect to the warranty portal and use VIN Info to check that

- The vehicle is actually affected by the instructions given in this bulletin; some vehicles may not be, even when their VIN is included.
- Procedures are identified by a letter (e.g. A, B or C....etc., whose differences will be explained later in this bulletin); make sure that the spare parts corresponding to the assigned procedure are used.

Example

VIN
17 DIGITS VIN
MODEL NAME
Start Warranty DD/MM/YYYY End Warranty DD/MM/YYYY
Outstanding Campaigns
Code Type Description Bulletin Proc.
LXX-A.XX.XX CAMPAIGN NAME B
Next service planned at date

**NOTE:**

Procedure A will be available only when the instructions require a preliminary check to be performed to determine whether or not the vehicle actually needs updating.

Network information notice:

As a result of continuous product monitoring, Automobili Lamborghini S.p.A. has released a new software update for the Infotainment System of Huracán EVO. This update contains the Telemetry functionality (for vehicles which this optional has been requested), bugfix and other improvements of Sound System ECU.

Operations:

The following instructions include the steps:

- Step B: Infotainment software update

Solutions for the network:

Update the car as stated in the instructions.

Replacement parts:**IMPORTANT!**

When the VIN is entered in the LIASS system, the specific operation to be performed on that vehicle will be specified. On the basis of the operation displayed on LIASS, please order one of the following codes associated with the operations concerned, where suggested:

Operation B: Infotainment software update

P/N	Description	Q
n/a	n/a	n/a



Management of replaced parts:

Store properly and tagged the parts replaced with bar code form for their identification during Area Manager visits.

Labour:

- Step B: 1,00 h

Bulletins superseded:

None.

Warranty instructions:

To request reimbursement for the corrective action performed, access the Warranties section of the Lamborghini Portal and follow the "Campaigns" entry instructions in the W.Claim manual which can be downloaded from the Portal.

Select the required campaign and proceed with entry, carefully reading the options present in the alert displayed by the system (see example) and select the option performed on the vehicle.

Depending on the option performed, the reimbursement will be structured in the following manner:

- OPTION B - Infotainment software update



WARNING!

Attach all documents generated during the work carried out as evidence of the work itself, for instance workshop orders, diagnostic protocols etc. If one or more of these is missing it may lead to a rejected reimbursement request.

Fill out the Service and Recall Campaign section in the warranty booklet, which is shown in the figure below.

Tools/Materials required

Cod.	Description	Q
n/n	n/n	0



IMPORTANT:

Before you follow the instructions in this service campaign, you need to install the SD-Creator program. The instructions for installing SD Creator are contained in the bulletin: "BI.09.17_ [ENG] _SD-Creator installation package procedures". Follow the instructions in the "BI.25.18" information bulletin to upgrade the SD-Creator to the latest version available.



IMPORTANT:

Automobili Lamborghini S.p.A. informs that the time necessary to download the software from SD-Creator is not to be considered refundable on a case by case basis, being exceptional and acceptable with the extra-time already included in the time given for operation B.



Preliminary operations:

1. Ensure you have recently synced with the mirror server by checking the last synchronization date:

<http://mirrorserver/maintenance/diagnosis.py>

or by directly entering the Btac-box IP address:

[http://\[IP_address\]/maintenance/diagnosis.py](http://[IP_address]/maintenance/diagnosis.py)

if you have not previously set the IP alias of the mirror server.

(e.g.

<http://12.34.567.890/maintenance/diagnosis.py>)



IMPORTANT:

Make sure that the last synchronization was performed after September 18, 2019.

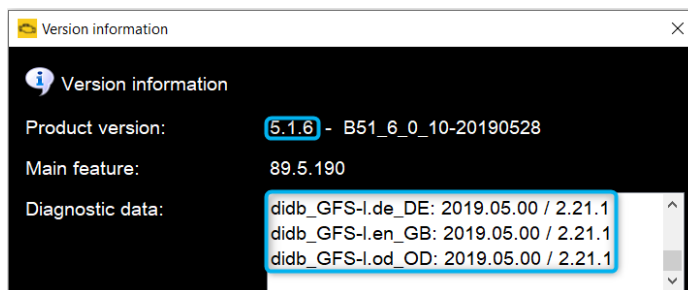
MS/2 Diagnosis

Configuration	
Base path	/var/www/desert
Provider URL	https://altair.mirrorserver2.net/deployment
Repository URL	https://altair.mirrorserver2.net/storage
Feedback URL	https://altair.mirrorserver2.net/health
Proxy	not used
Key file	/var/www/desert/certs/userkey.pem
Certificate	/var/www/desert/certs/usercert.pem
Tests	
Local file/directory permissions	OK
Disk space	OK
Provider reachable	OK (altair.mirrorserver2.net)
Repository reachable	OK (altair.mirrorserver2.net)
Feedback reachable	OK (altair.mirrorserver2.net)
Provider WebDAV access	OK (https://altair.mirrorserver2.net/deployment)
Repository WebDAV access	OK (https://altair.mirrorserver2.net/storage)
Feedback WebDAV access	OK (https://altair.mirrorserver2.net/health)
Successful package downloads	8
Failed package downloads	0
Last Sync	19/09/18 21:01:09
Start tests	

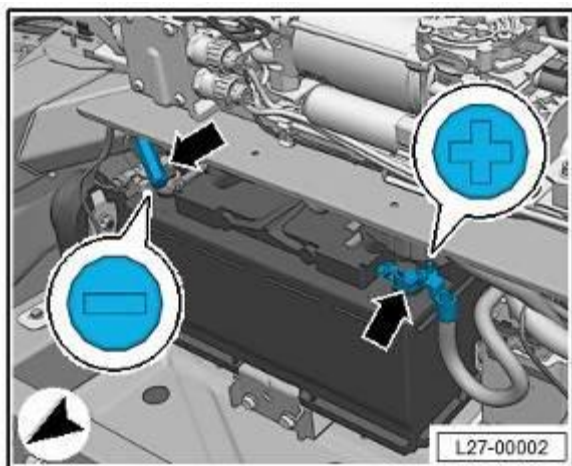


NOTE:

The instructions contained in this bulletin are based on the ODIS diagnosis software updated to version 5.1.6 and the Lamborghini 2.21.1 or later database (refer to information bulletin BI.16.19 and make sure that ODIS Service is properly updated on the laptop).



2. It is essential that you connect an appropriate battery charger to the charge points available in the luggage hood (front center of the vehicle). Please refer to the following figure



Work instructions:

The updating procedure described here includes the following steps:

- I. Diagnosis startup;**
- II. Download sw from SD-Creator;**
- III. Enable Service Menu;**
- IV. ECU 5F SW update;**
- V. ECU 5F and 47 configuration;**
- VI. Fault memory deletion.**



IMPORTANT:

Do not perform other types of activity on the car while executing the campaign.

Carrying out the procedure blindly implies unsolvable damage to the control unit and resulting replacements.

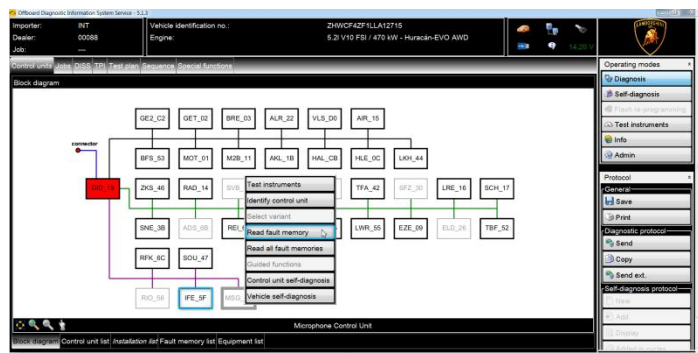


NOTE:

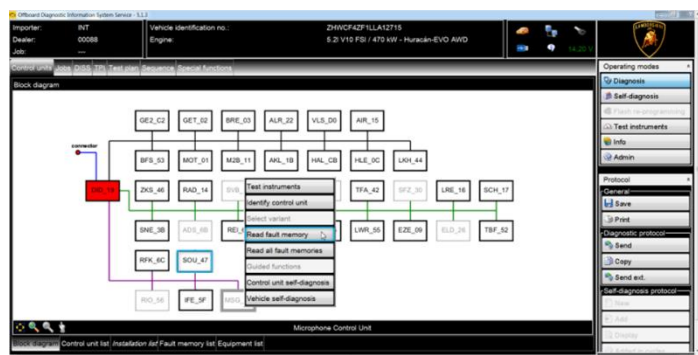
Ensure the key On during the entire procedure for updating the ECU 5F (Infotainment System) configuration. Start a diagnostic session with ODIS Service, keep the diagnostic interface connected to the OBD socket and do not close the ODIS program or use it for other purposes. Once the update has been started, it is need to complete the operation in ODIS.

I. Diagnosis startup

1. Start ODIS Service double-clicking the related icon on your diagnosis laptop.
2. Please connect the VAS5054A/VAS6154/VAS6154A interface to the diagnostic laptop and to the OBD vehicle plug. Turn the ignition ON.
3. Click on "Start diagnosis" and wait for the first ECUs reading performed by ODIS Service.
4. At the end of the first ECUs identification, the ECU "0047 - Sound System" (if installed) fault memory could not be read. The proper fault memory reading is explained in the following steps.
5. For the ECU "005F - Information Control Unit 1": right click on "IFE_5F" and then on "Read fault memory".

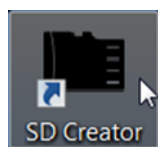


6. For the ECU "0047 - Sound System" (if installed): right click on "SOU_47" and then on "Read fault memory".

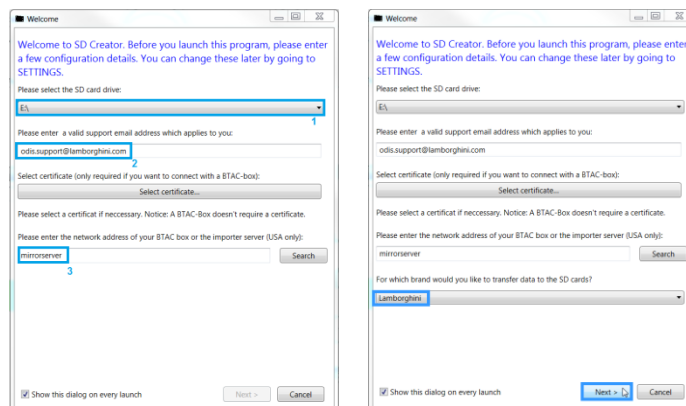


II. Download SW from SD-Creator

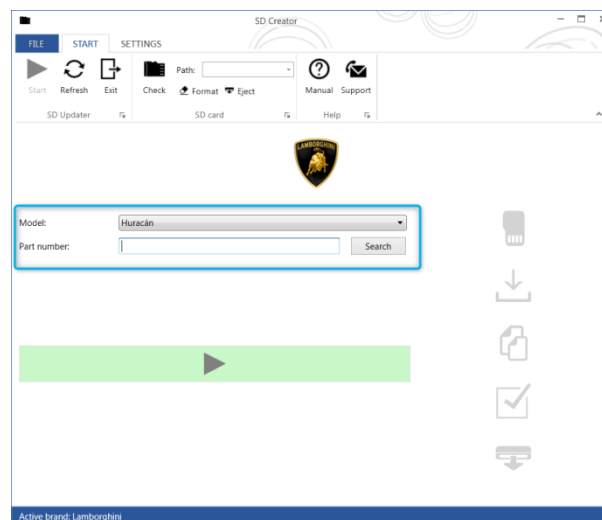
7. In order to download the necessary software for the update procedure, open on your laptop the software SD Creator by a double click on the program icon.



8. When the program starts, fill in the Windows screen fields as explained in the "BI-09.17_[ENG]_SD-Creator installation package procedures".



9. In the main page of SD Creator fill out the Model and Part Number fields:



- Select the Model, (Huracán);
 - Insert the USB memory stick and type the Part Number specific for your destination market making reference on the table at following point.
10. Select the Part Number related to the destination market of your vehicle:

Table of reference for control unit 5F (Infotainment System)		
Part Number	Software Target	Destination Market
616.530.015.79	0133	Europe
616.530.015.86	1001	Japan

616.530.015.79	0133	NAR
616.530.015.79	0133	RdW

11. Through the Part Number selected, the version of the ECU 5F software suitable to the selected market will be downloaded. Then, click "Search". The following image is only for example purposes:

Model:

Part number:

12. If the entered part number is correct, following the search, will be shown the model name and the required size of the USB memory stick to generate the software. E.g.:

Model:

Part number:

Model(s): Huracán

Min. amount of memory: 1 GB

SVM code:



IMPORTANT:

Before start to download the software!

The process involves formatting the USB memory and deleting the files inside it.

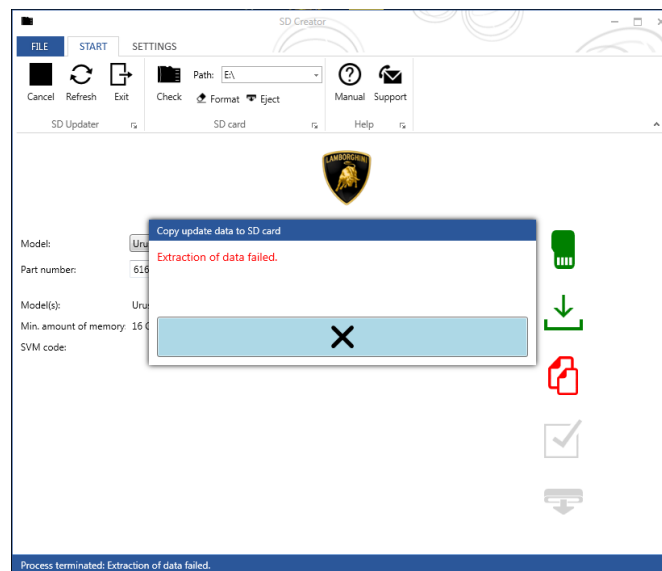
In order to avoid to lose the data, it is advisable to use empty USB memory.

Make sure that the available storage space is larger or at least equal to the the size required by SD Creator, as indicated at the point 12.

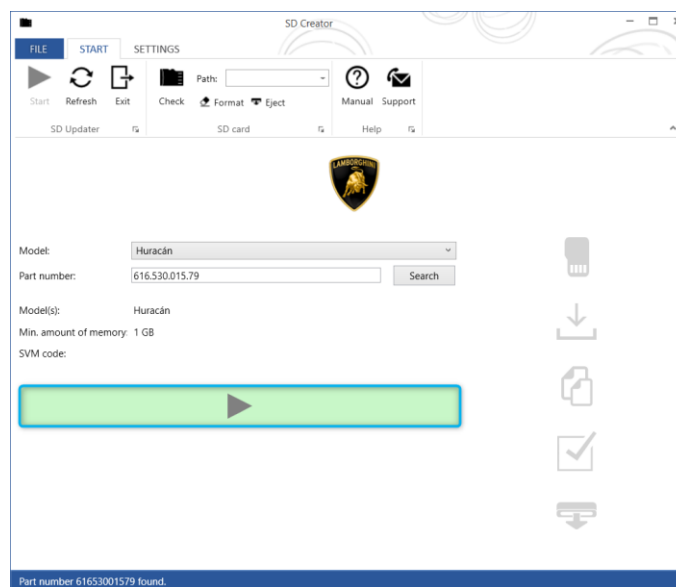


ATTENTION:

If the error shown in the following image occurs in the download from SD Creator, perform the instructions at the end of this document, in Trouble shooting section.

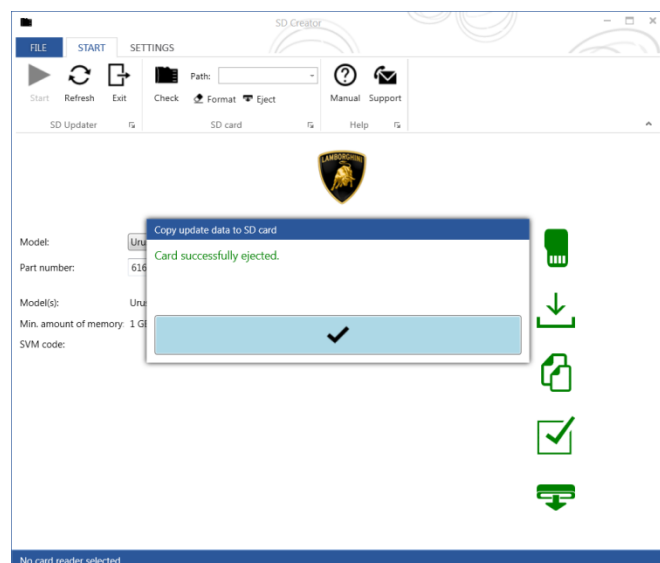


13. Follow the instructions to download the software. Click the Start Button, , to start the software download process. The software will be automatically saved in the USB memory stick.

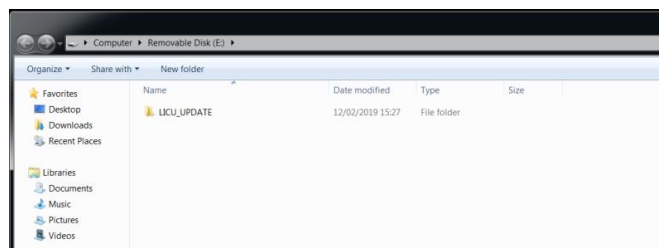


14. At the end of the process, green icons will appear on the right and a positive feedback will be displayed indicating the success of the operation. Click on the bar "" in order to finish the download process. The USB memory

stick is automatically unplugged from your laptop.



15. To verify the success of the operation, extract and reinsert the USB stick and make sure that the software required is present. The following image is an example concerning the folders created for the ECU 5F.

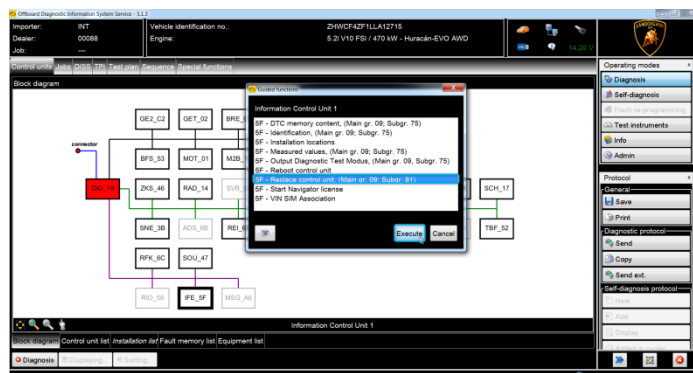


16. At this point the downloaded software is available on the USB memory stick and ready to be flashed on the car.

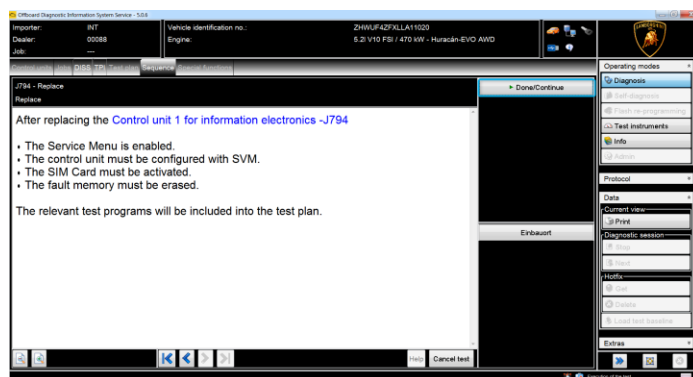
III. Enable Service Menu

17. Select the section "Control units" that shows the ECUs list. Select the ECU 5F and from "Guided

Functions" select "5F - Replace control unit", then click on "Execute".



18. Click on "Done/Continue" until the end of the procedure. The last screen will be like the following:

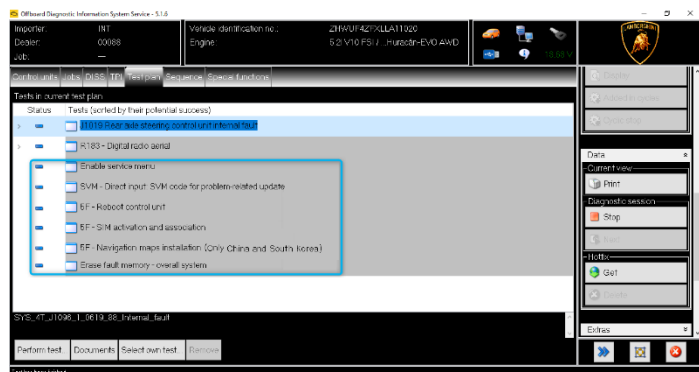


19. The required functions will be shown in the Test Plan.

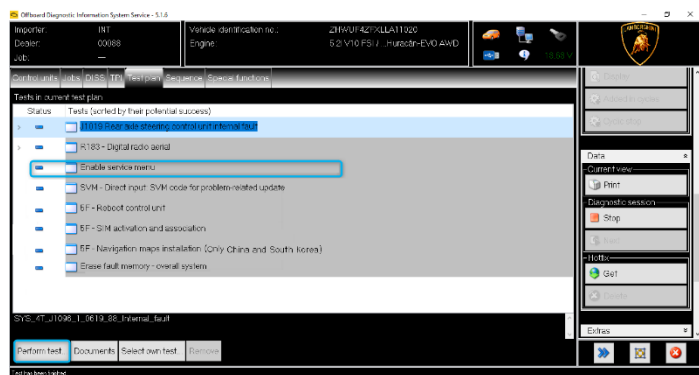


IMPORTANT:

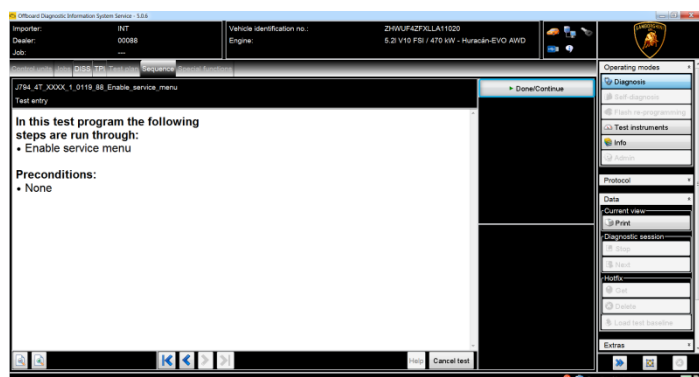
From these proposed functions on the Test Plan, please execute only the function "Enable service menu".



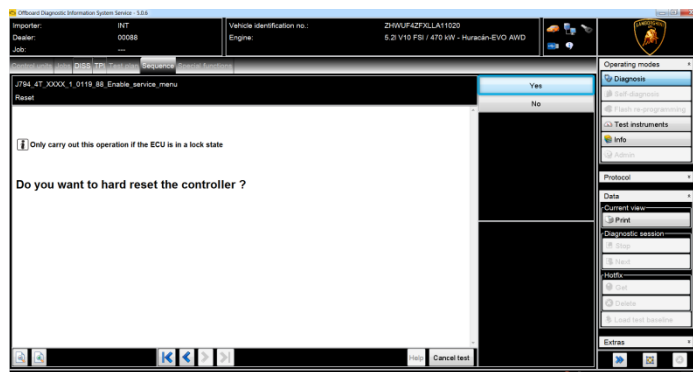
20. Select the function "Enable service menu" and click on "Perform test".



21. In the following screen, click on "Done/Continue".



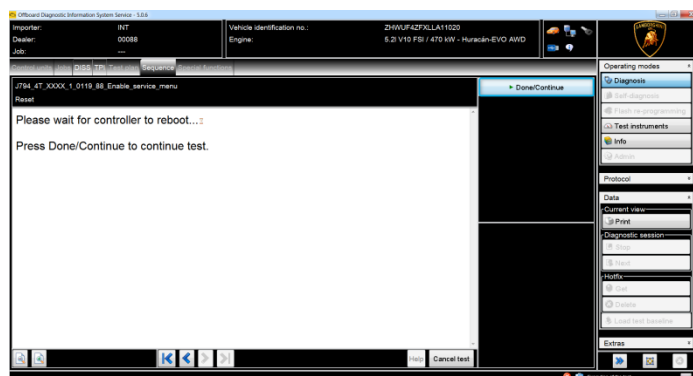
22. A first restart of the ECU 5F is requested by ODIS. Click on "Yes" to confirm.



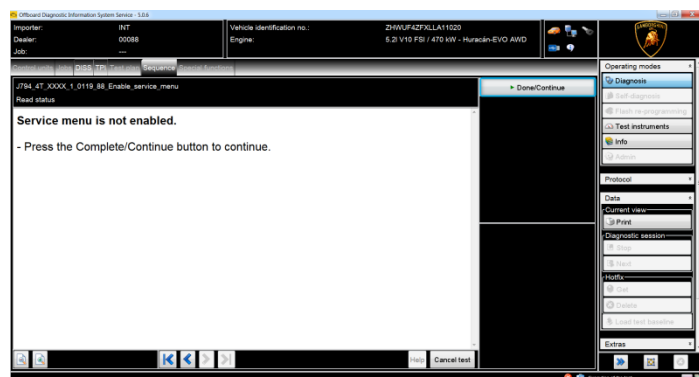
23. The ECU 5F is automatically restarted. Wait for the complete restart until the following screen is shown on the vehicle central display (please accept the disclaimer if shown).



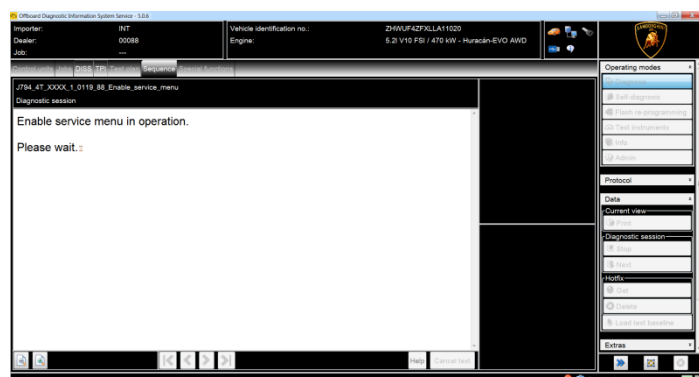
24. In the meantime, on ODIS the following screen is displayed. Click on "Done/Continue" to proceed.



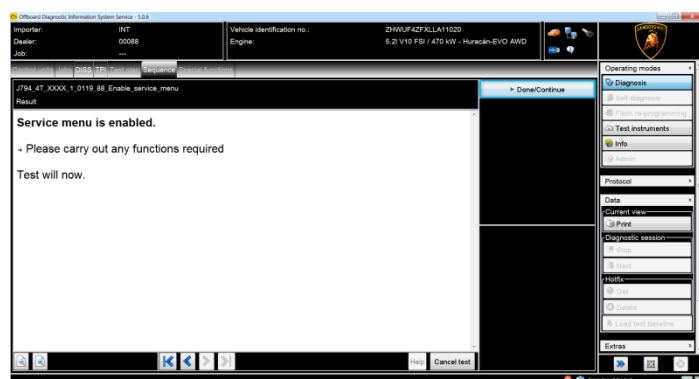
25. The procedure makes a first check of the Service Menu status. Click on "Done/Continue" to proceed.



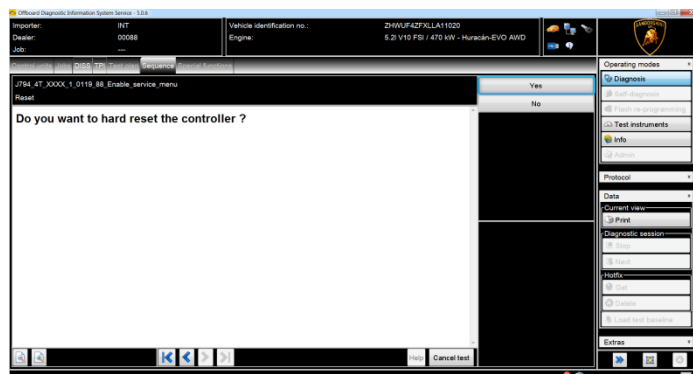
26. Wait for the Service Menu activation.



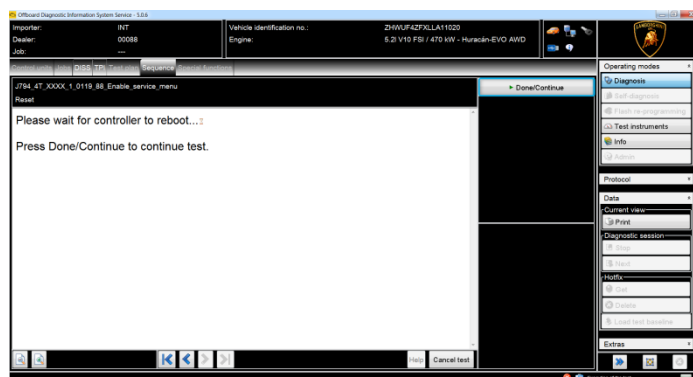
27. Wait for the operation to be completed until the following screen is displayed. Press "Done/Continue" to proceed.



28. In the screen that appears, click on "Yes" to execute the ECU 5F restart.

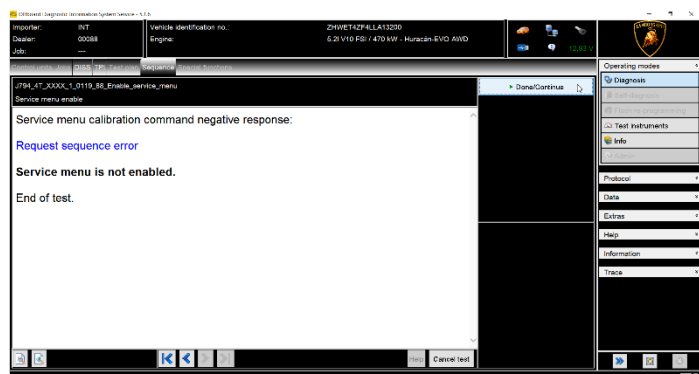


29. Wait until the control unit has completely restarted (as in the point **23**). Then click on "Done/Continue" to complete the enabling the Service Menu procedure.



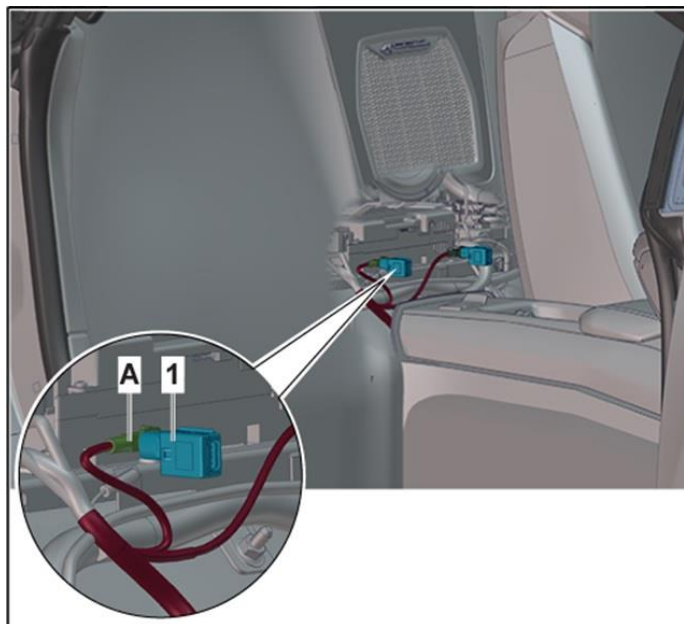
NOTE:

*If the following screen appears instead of the one indicated at the point **29**, it indicates that the Service Menu was already enabled before the procedure execution. You can continue anyway with the next steps.*



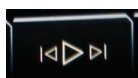
IV. ECU 5F SW update

30. Move in the car and insert the USB memory stick containing the downloaded software in the USB1 port located between the two seats, as shown in the following image.



31. To update the ECU 5F sw it is necessary to reach the Service Menu through the following commands sequence on the central display.

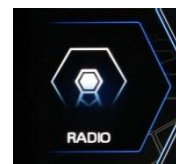
32. Make sure that the button "Media Player", shown in the following image, is selectable:



NOTE:

If the button "Media Player" is not selectable:

a. press the button "RADIO"



b. press the button "HOME" to back to the main screen



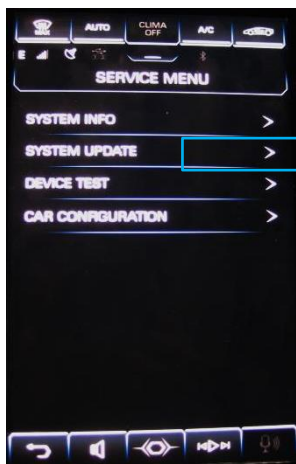
33. Press and hold the "Media Player" button for a few seconds until its blue backlight automatically turns off.



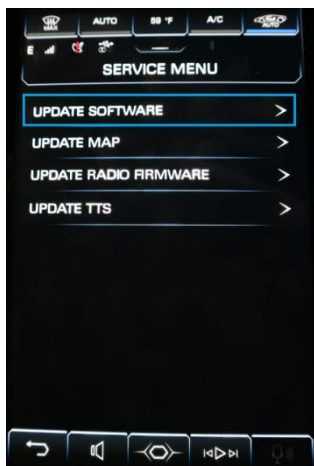
34. Then press the "BACK" button (the first from the left of the bottom keyboard) to display the Service Menu.



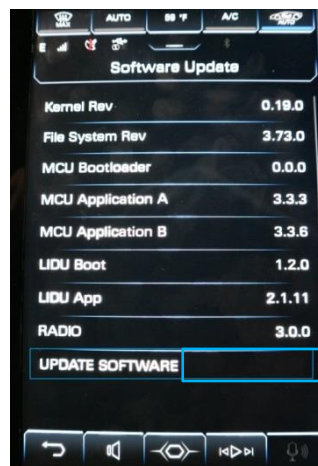
35.The "Home page" of the Service Menu is shown. Select "System Update".



36.Then select "Update Software".



37.Scroll the list until the end and select "Update Software"



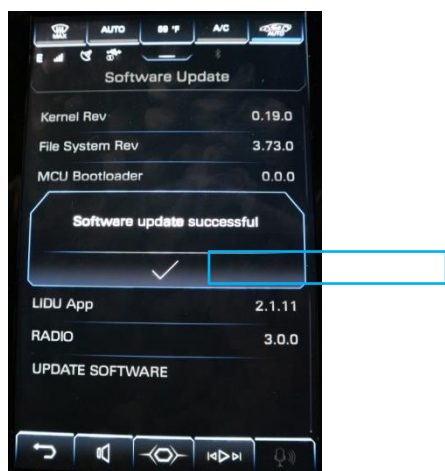
38.A popup that asks for the confirmation to proceed with the software update will appear. Select the left button (✓) to confirm. The update starts automatically.



39.Please wait for the end of the software update procedure. During the update, the progress bar is shown on the screen.



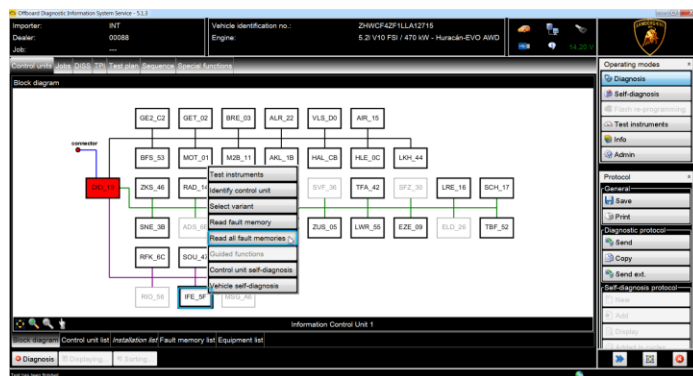
40. At the end of the update, a popup that shows that the software has been properly updated is displayed. Press the button with the check (✓) to restart the ECU 5F.



41. After the complete restart, if the Main Menu is not shown, touch any point of the screen to display the Main Menu.
42. Remove the USB stick.

V. ECU 5F and 47 configuration

43. Click on a ECU (for example "IFE_5F") and then on "Read all fault memories".



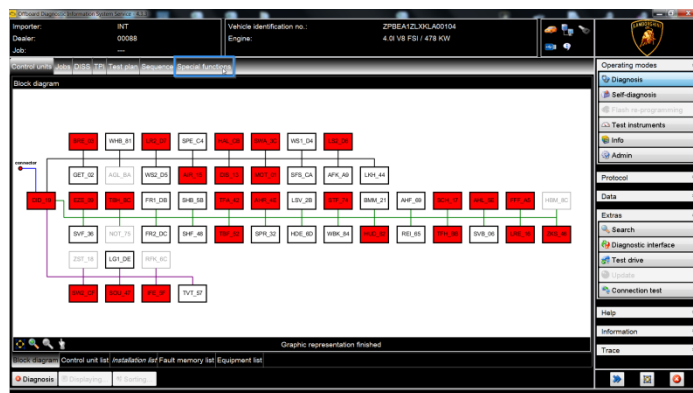
Refer to the procedure in the workshop manual regarding "Implementation of an SVM code".



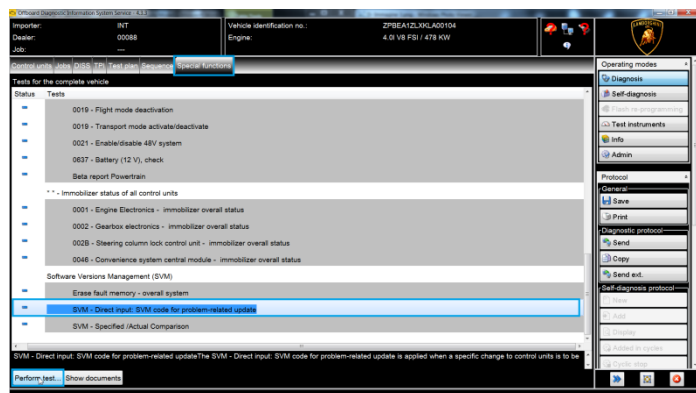
IMPORTANT:

Improper use of this function can cause damage to the ECUs.

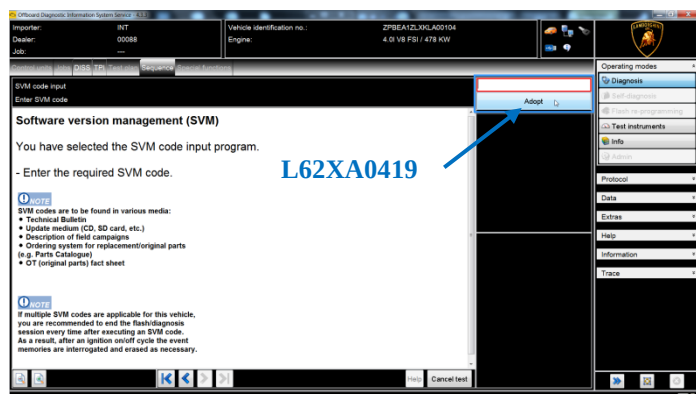
44. To start the procedure to execute an SVM code, select the "Special functions" card in ODIS.



45. Click on "SVM-Direct input: SVM for problem-related update" and then on "Perform test".

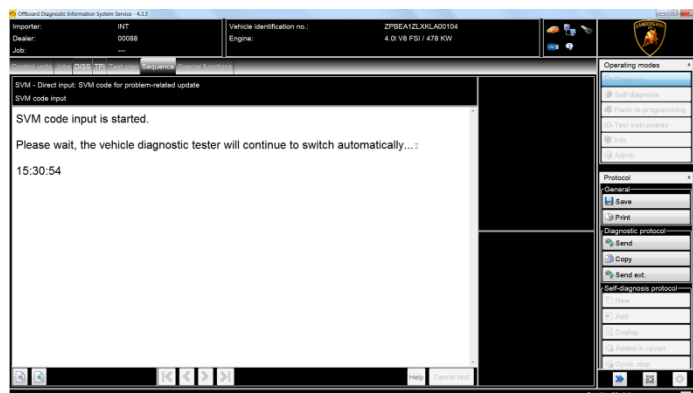


46. Enter the code "**L62XA0419**" in the appropriate space at the top right and click "Adopt".



47. The SVM code entered is again displayed in the dialog box. If the entered code is correct, click on "Yes". Otherwise click on "No" to cancel the SVM procedure.

48. Wait for data to be acquired from all the control units. This operation requires a few minutes.

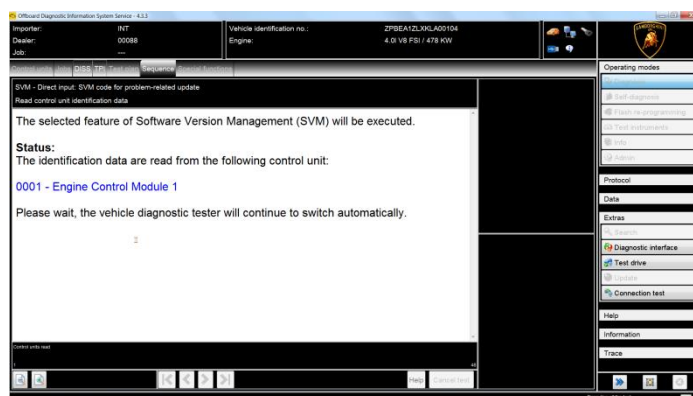


49. To run the SVM function and access the Lamborghini servers, you must have a valid GeKo account. Ensure that the laptop is correctly connected to the Internet. Enter your GeKo username in the "User name" field and the PIN 1324 + the 6-digit code currently displayed on the GeKo token in the "Password" field.



Click "Adopt" to confirm.

50. The SVM function will automatically continue with identification of the control units in the vehicle.

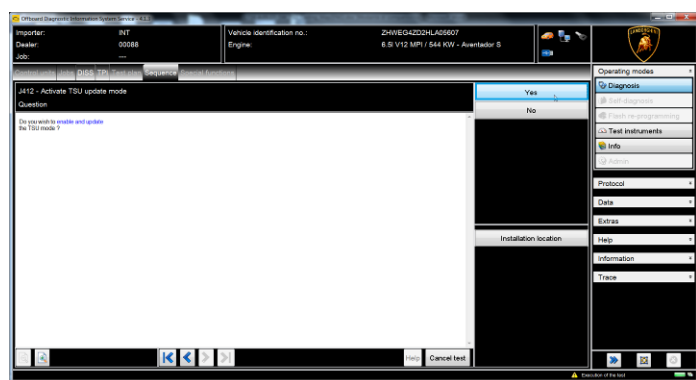




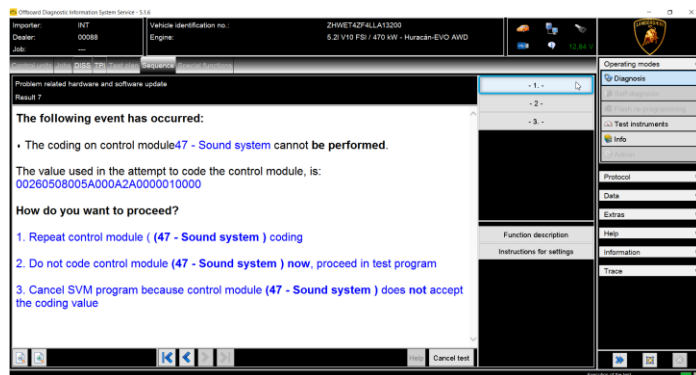
51. It might become necessary to perform one or more of the following operations in the SVM procedure:

- Coding;
- Parameterization;
- Calibration.

To perform these actions, it is usually necessary to click on "Done/Continue" where requested and to follow the instructions directly provided on the ODIS dialog screens.



52. If during the SVM function execution, the following message appears, please click on the button - 1 - to proceed repeating this step. A key Off/On will be requested and the coding will be properly written.



53. Perform the 5F reboot control unit.

To perform this operation, follow the instructions given in the workshop manual at the following path:

10 Diagnosis → 5F Information control unit 1 → I
 - Guided functions - Additional adaptations →
 Description → 5F - Reboot control unit.

54. After the ECU reboot, from the Guided Functions of the ECU 5F run the function "5F - Identification" and check if the information indicated in "Software Part Number" and "Software Version" are the same shown in the following table, along with the market (the following image is used as example):

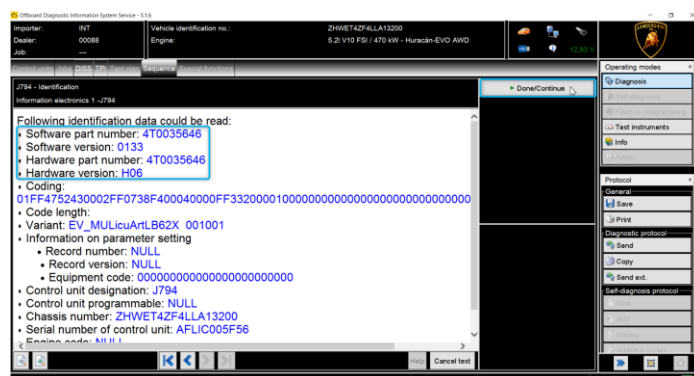


Table of reference for control unit 5F (Infotainment System)

Software part number	Software Version	Market
4T0.035.646.A	0133	Europe
4T0.035.742	1001	Japan
4T0.035.654.A	0133	NAR
4T0.035.781.A	0133	RdW

55. From the Guided Functions of the ECU 47 (if present) run the function "47 - Identification" and check if the information shown in "Software Part Number", "Software Version", "Record Number" e "Record Version" are the same shown in the following table, along with the market (the following image is used as example):

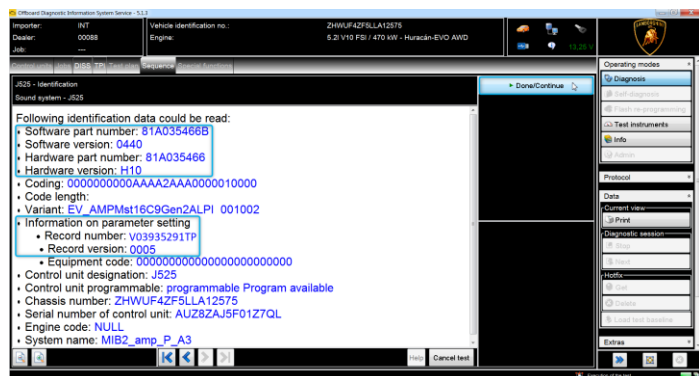
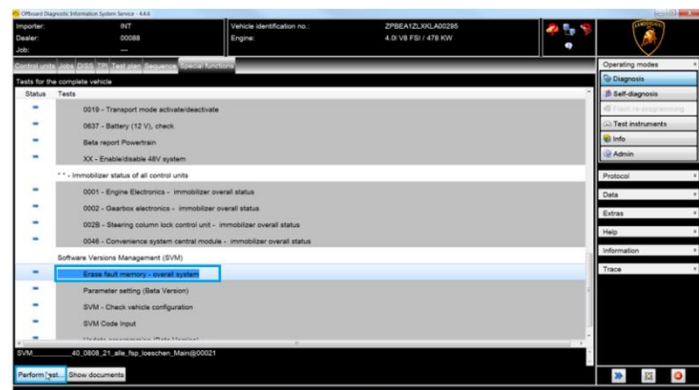


Table of reference for control unit 47 (Sound System)

Software P.N.	Software Version	Record Number	Record Version	Market
81A.035.466.B	0440	V03.935.291.TP	0005	All

VI. Fault memory deletion

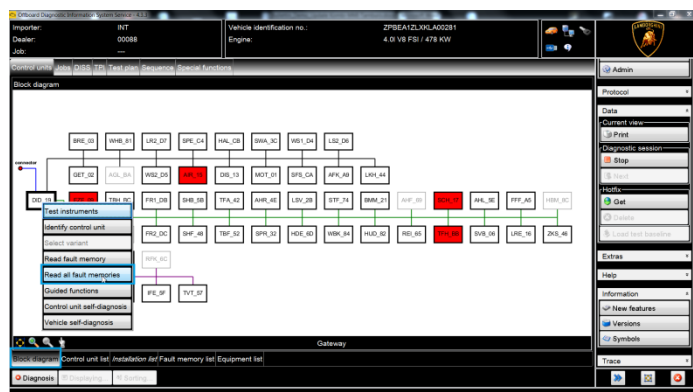
- 56.** Select the "Special Functions" card and then "Erase fault memory - overall system" in order to delete all stored faults.



The complete guide for deleting faults is available in the workshop manual, chapter **"10.00.B-Deleting the data in the fault memory of control units"**.

- 57.** Go back to the "Block diagram" card and select "Read all fault memories" from one of the vehi-

cle's control units in order to update the display of the faults present after deletion.



If after the fault memory deletion, the following fault remains "active":

B1ABEFO: VIN/SIM unit invalid

and the vehicle belongs to one of the following markets:

Abu Dhabi, Australia, Azerbaijan, Bahrain, Brazil, Cambodia, Chile, China, Dubai, Estonia, Greece, Hong Kong, India, Indonesia, Israel, Kuwait, Lebanon, Macao, Malaysia, New Zealand, Oman, Peru, Philippines, Qatar, Romania, Russia, Saudi-Arabia, Singapore, South Africa, South Korea, Taiwan, Thailand, Turkey, Ukraine, Vietnam, Yemen;

the fault indicates that the eSIM (internal SIM of the Infotainment ECU) cannot be activated for the current vehicle market. In this case the fault doesn't represent a functional issue and can be ignored.

If the vehicle belongs to all other markets, not listed above, please run the relative Guided Fault Finding which is attached to the Test Plan.



IMPORTANT:

Solve any faults still present by performing the functions listed in the "Test plan". Perform the procedure "II. Fault memory deletion" again until all

faults are fully removed from the vehicle's control units.

/* Diagnosis protocol saving */

58. Save the Diagnostic protocol as described in the chapter **"10.00.H-Saving the diagnostic protocol"** when the procedure described in this document is completed.



IMPORTANT:

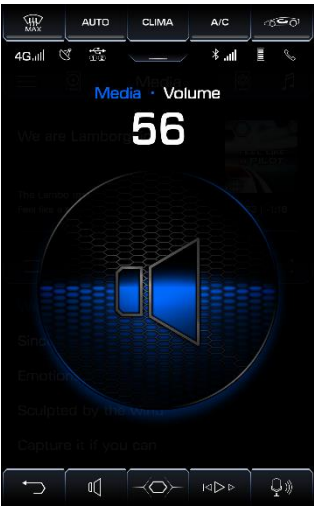
The Diagnostic Protocol must be attached to the Corresponding Warranty Request (to enter the request on the web portal, refer to the W.Claim manual which you can consult in the Warranty section of the portal).



IMPORTANT:

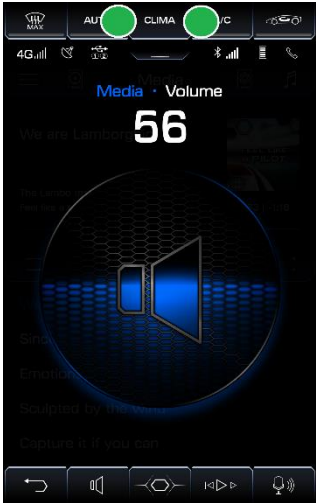
Additional Information

The software 0133 of the Infotainment System introduces a modification on the volume control gesture. In particular, the following screen:

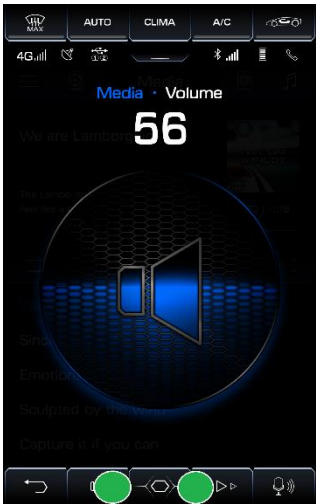


it can now be reached only:

- a. *with a two fingers tap on the upper part of the screen, in the buttons area (see green indication);*



- b. *with a two fingers tap on the lower part of the screen, in the buttons area (see green indication).*



*All other functionalities remain the same as in the previous software.
Please inform the customer about this modification.*

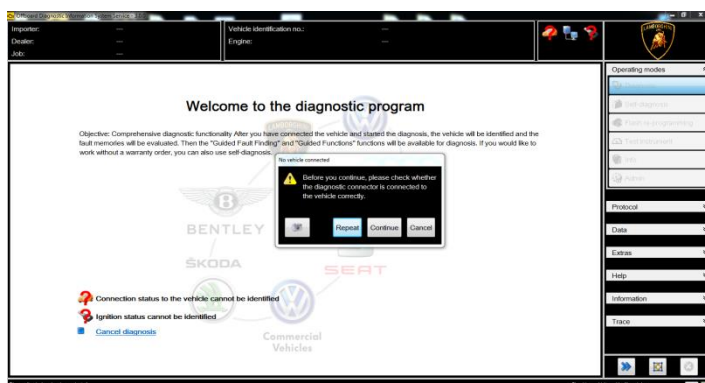
Trouble shooting:

- i. If the following error screen is displayed, abort the guided function by clicking on "Cancel Test" and contact Technical Support.

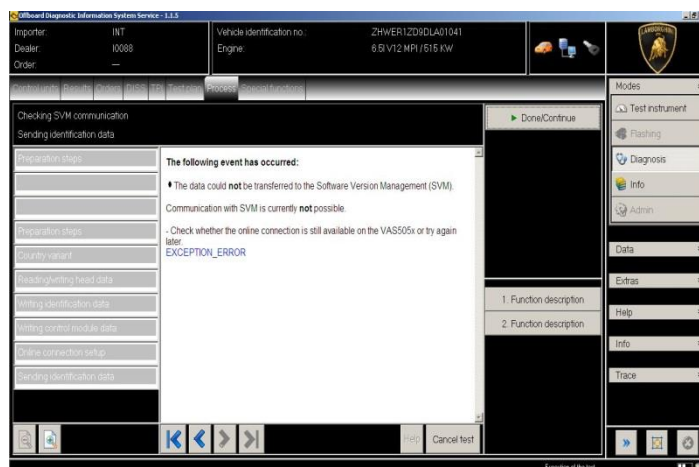
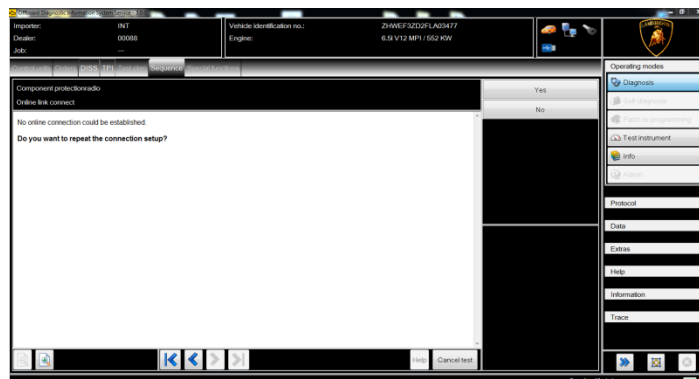


- ii. If an error is displayed that regards the hardware interface, and the "connection to vehicle" and "key state" icons appear as shown in the figure below:

- Click "Cancel";
- Repeat installation of the interface VAS5054/6154/6154A for the instructions in procedure (*) "VCI Manager v2.0", selecting the right-hand "Extras" menu in ODIS and clicking on the "Diagnostic interface" button.

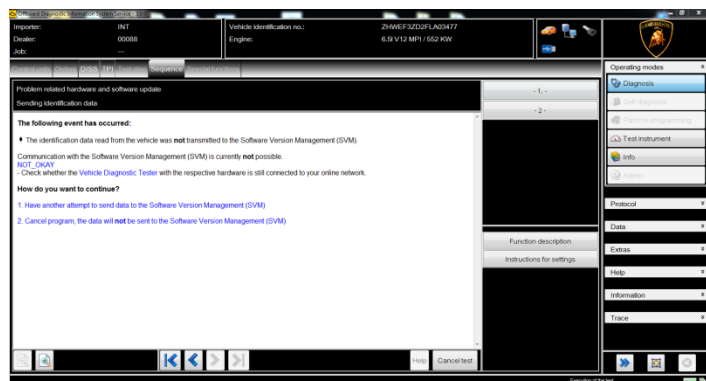


- It is not possible to connect to the central server; check that your laptop is correctly connected to the Internet and retry by clicking on "Yes" or "Done/continue", as appropriate.



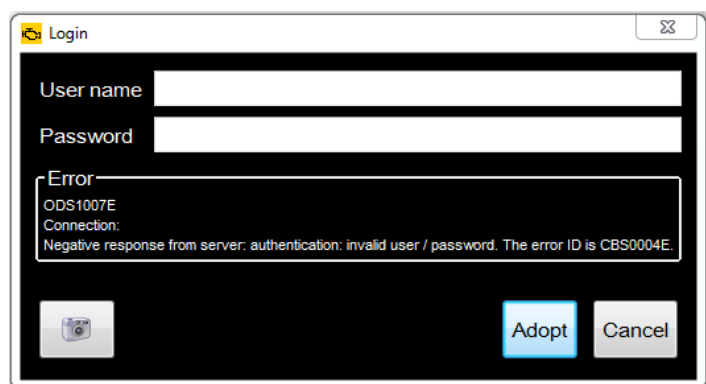
- iv. If the connection is dropped during the course of the target/actual comparison during the SVM procedure:
- It is not possible to connect to the central server; check that your laptop is correctly connected to the Internet and retry by clicking on "1".

- iii. If one of the following connection errors is displayed like in the following example screenshots:



v. If the authentication error as shown in the following screenshot is displayed (error code: ODS1007E):

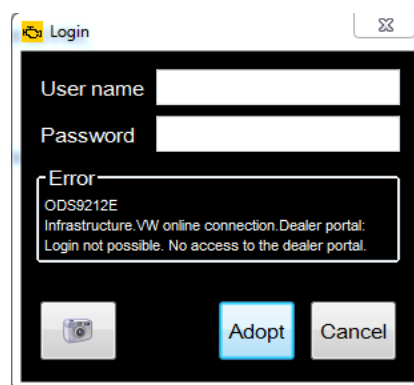
- Ensure you have a valid GeKo user account
- Ensure that the "GeKo" label is printed on the token you are using
- Ensure you have entered the correct password
- Click on "Cancel" and run the application test (see document "ODIS_ControlloConnessione_Server_SVM_2.0" (*)).



vi. If the infrastructure error as shown in the following screenshot is displayed (error code: ODS9212E):

- Ensure you have a valid GeKo user account

- Ensure that the "GeKo" label is printed on the token you are using
- Check that the Internet is set in ODIS settings and not CPN (see document "Set-up_Iniziale_ODIS_2.0" (*))
- Click on "Cancel" and run the application test (see document "ODIS_ControlloConnessione_Server_SVM_2.0" (*)).



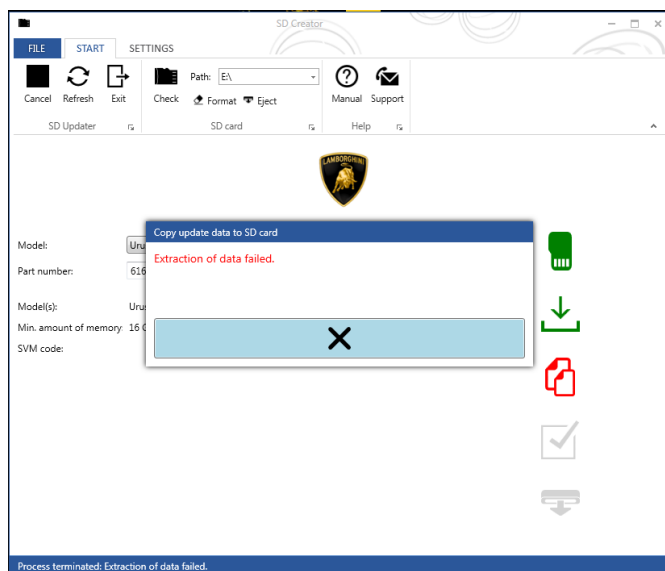
vii. If the same error type should reoccur during the application test, try the following procedure:

- Exit ODIS
- Browse to the folder C:\Program Files (x86)\Offboard_Diagnostic_Information_System_Service\automatic_sessions on your diagnostic laptop
- Delete the only file which will be in the folder
- Restart ODIS Service, ensuring that:
 1. You have a network connection
 2. The ODIS connection is set to Internet
- Run the connection test again, and perform the SVM again with your GeKo Token.

viii. If the following error should occur, it is necessary to follow the instructions given in



BI.25.18 (Rev.02), which can be downloaded on the Lamborghini HUB portal:



IMPORTANT:

The documents which must be provided with the warranty request are:

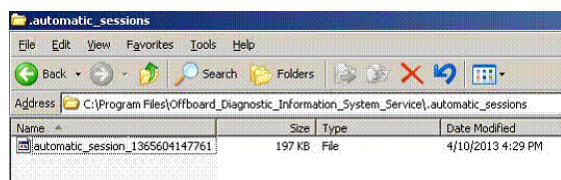
- Produced Repair Order
- Saved Diagnostic Protocol

Failure to follow these procedures could lead to the request being rejected.



IMPORTANT:

If the error occurs again, repeat the procedure and try with a second GeKo token, if available.



NOTE. (*)

All ODIS technical documentation can be viewed on the Lamborghini web portal, in the corresponding ODIS section.